

Watt's Up

*Newsletter for the Umpqua Valley
Amateur Radio Club
P.O. Box 925 Roseburg, OR 97470*

March 2010

*Watt's Up Staff: Editor-Wayne W9AE Publishing-Russ, W7DUR
E-Mail Distribution, Dick, AA7GC*

President

Jim, WA6KHG

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2nd Vice President

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Russ, W7DUR

Treasurer

Jerry, K7ETU

Member-at-Large

John, KE7LDZ
Doug, WB6MFV

Club Call Signs

KC7UAV
KC7TLY

ARES Nets

Douglas County ARES
145.430 repeater
Mondays at 7 PM
District 5 ARES
3964 kHz
Mondays at 6:30PM
State ARES
3964 kHz, first/third
Tuesdays at 7 PM.

President's Message

We are planning to have Field Day at the Glide High School Athletic Field again this year. Jerry KE7ER is looking into this and has contacted them. They are looking at their summer schedule currently. I think this can be worked out as we do not need exclusive use of the entire area. Anyone interested in being a "band captain" should talk to Jerry AE7ER.

Jerry AE7ER, Joe Brown W7ZQD, and Mike WB6RHW are working on expanding the current packet backbone to be able to communicate into Reedsport and Coos County. Joe W7ZQD already has one of the systems ready to go up hopefully on Roman Nose. They also are looking into a system on Signal Tree. This will allow packet communications hopefully into Reedsport, Florence, North Bend, Eugene, and the Coos Bay area.

The move of the repeaters on Lane Mountain is still on hold until we have some nicer weather and get some antennas and lightning arrestors in so we can begin that project. Tom W7TCH is working on a grounding box for the coax entry point to the building where our Polyphasers will be mounted. Thanks to Douglas County we will have some new antennas and feed line when we start setting up the new building. The electrical work has been done and inspected up there. The power still needs to be hooked up. This will be done when we need it. We are looking into a back up propane remote start generator for this site also.

I am currently burning in the UHF repeater that will go on Lane Mountain when we move in the new building. This repeater is a joint venture with Douglas County ARES, WB6MFV, AE7ER, and WA6KHG, the call WB6MFV/R is on it. It has a VHF remote base with it that can be turned on and tuned to any VHF frequency, offset, or PL tone in the 2 meter ham band. It also has a VHF ELT receiver that will let us listen to 121.500 AM for ELT signals from the top of the mountain. We plan on being able to read our battery voltage and the temperature remotely on this system. It is on 440.300 + 88.5 PL. We also plan to put an intruder alarm on the building up there as well.

In the repeater department the 146.900 Lane Mt. repeater is running well. The 147.120 Boomer Hill repeater is working. The DC packet node 144.930 is working great.

The next VE session is April 14, 2010 at 6:00 P.M. at the courthouse in Room 310. Don't forget to bring a copy of your original license if you are upgrading. You also need some form of acceptable identification. The VEC license fee for 2010 is \$15.00. Cash or a check made out to ARRL is acceptable.

Jim WA6KHG

MEMBERSHIP 2010

As of March 1, 2010 membership is 62.

Each month updated information will be provided in this space so members may keep their roster current.

Please take the time to review your information and notify me of any corrections or changes.

I may be reached via:

1. E-mail: aa7gc@arrl.net
 2. Telephone: (253)631-3467
 3. Regular Mail: 15823 SE 254th Pl., Covington, WA 98042-4183
- 73, de Dick, AA7GC, Membership

** NEW MEMBERS **

WB7TQZ, Jared Gibbs, 1740 Westview Dr,
Roseburg, OR 97471, 541-672-0565,
E-mail musicgibbles@hughes.net

Rev Robert Rapp, 5195 Grange Rd,
Roseburg, OR 97471, 541-679-8808,
E-mail Robert.rapp47@gmail.com

Editor's Note

If you want to be in the UVARC Spotlight, send pictures of your shack, antennas, or mobile setup to w9ae@charter.net. Please also send any club news, pictures, for sale announcements, etc.

Wayne W9AE

UVARC REPEATERS

146.900-, PL 100 (Lane Mountain)

147.120-, PL 100 (Boomer Hill)

PACKET

Node - 144.930, DC:WB6RHW-1

UVARC Web Page

<http://aa7gc.net/uvarc/>

NOTES:

1. Watt's Up is **on line** in the UVARC web Page. It may be viewed in PDF format.
2. Members **E-mail addresses** are on the web page as a link. Password required.
3. The **club roster** is included in the web page as a link. Password required.
4. Club **constitution** is available as a linked page.
5. Back issues of **Watt's Up** are available through the club web page in PDF format.

VE Testing in Douglas County

Testing sessions are affiliated with the ARRL. They are scheduled the second Wednesday of even months except August. Sessions are held in Roseburg at the Douglas County Courthouse, room 310, 6 PM.

ARRL VEC Test Fee for 2010 is \$15.00

This fee is charged once, no matter whether taking any one, two, three or all four test elements, one time. Retests of an element failed at the same test session will require payment of an additional test fee.

Testing Dates

Second Wednesday of each even Month

February 10

April 14

June 9

August - None

October 13

December 8

For further information contact **Jim WA6KHG**,
at (541) 496-2262



SUNSHINE

If you hear of someone who is ill or in the hospital, please let me know. Also notify me of any silent keys.

Russ Nelson, W7DUR, at 440-3840

IARU Region 2 and Radio Club de Chile Request Amateurs to Keep Emergency Frequencies Clear

(Feb 27, 2010) -- A massive 8.8 magnitude earthquake hit Chile today at 0634 UTC, triggering a potential tsunami. [IARU Region 2](#) and the Red Chilena Nor Austral de Servicio ([RECNA](#)) have suggested Amateur Radio operators monitor [the following emergency communications frequencies for traffic pertaining to the earthquake and tsunami](#): 3.738, 3.750, 7.050, 7.100, 14.200, 14.350, 21.200, 21.350, 28.300 and 28.500 MHz. IARU Region 2 Area Emergency Coordinator Jorge Sierra, LU1AS, reports that there is now traffic at frequencies of 40 meters from people seeking information from people in Chile: "We would appreciate if amateurs would leave free the frequencies used by RECNA, as well as the usual IARU Region 2 frequencies on in 20, 40, and 80 meters." In addition to the above frequencies, you may also want to listen to the worldwide emergency communication Center of Activity frequencies: 14.300, 18.160 and 21.360 MHz. Other suggested monitoring frequencies are 3.720, 7.045 and 7.060 MHz. Hawaiian Amateur Radio operators on the lookout for a possible tsunami are monitoring 7.088 and 3.888 MHz. -- *Thanks to Radio Club de Chile's ([RCC](#)) Emergency Coordinator Aldo Oppici, CE3WAD, and W2VU, KI6SN, K3ZO, PY2ZX, PY5YA and El Grupo Argentino de Radiotelegrafia for the information.*

Puyallup Hamfest March 6

If you're at the Puyallup hamfest, stop by the AMSAT booth and say hi to Wayne W9AE, the Watts Up editor.

The hamfest is sponsored by the Mike and Key Club of Seattle, and is held on Saturday, March 6 at the Western Washington Fairgrounds in Puyallup, Washington.

February 18 Meeting Minutes

UVARC Meeting Feb 18th 17 present.

Jim opened meeting. Roll call by name and call sign.

Reading of January minutes. Early bird drawing was won by Jane Brown N7XCK

Field day: Jerry AE7ER contacted Glide for location. School will decide early spring.

Approval of budget of county to purchase radio equipment.

Oregon Governor's Grant of \$5000 has been received for EOC radio equipment in Reedsport. The equipment will be the same as what a grant purchased for the Roseburg EOC.

Tom W7TCH and Jerry AE7ER will go into the ODOT building to install an antenna and radio.

Announcement about Boy Scout event this Sat and Sun Feb 20 & 21.

James KF7F1B reported the ham radio at Mercy Hospital will move to new location within the hospital. Tom W7TCH mentioned new members are getting their Tech. license to be introduced to emergency radio operating procedures.

George KE7MVX reported the Willamette Valley Red Cross asked for grant for radio equipment identical to the county EOC to be placed in Red Cross building-- Salem, Marion county.

Doug made a motion to adjourn, seconded by Jerry

Sec Russ Nelson

FYI

It appears that Field Day will be held at Glide High School. For location, I have placed an interactive map in Watt's Up. It can be viewed using either the "MAP" hot link on the front page of the news letter or from the Field Day page.

Have fun. Wish we could join you. 73, Dick, AA7GC

Lane Mountain Site Update

The building site on Lane Mt. belongs to Douglas County and ARES, and as soon as the equipment arrives, we will begin putting in the grounding system and the antennas.

Once these are in, then we can get the power company contract signed and a meter to provide electricity. Once this is done, we will move the radio equipment over. We will be meeting the Motorola Communication Site Grounding Standards. BLM will soon be requiring this standard for all communication sites on their land.

On order by Wayne Stinson are 6 new X-300 dual band antennas, 7 Polyphaser lightning arrestors, two diplexers, and an encode/decode module for the UHF repeater. I purchased the outside metal electrical box, and Tom Hyers has mounted the stainless steel plate inside for the Polyphasers to be mounted. Each antenna coax will enter the box, go through a Polyphaser, and then enter the building to the radio. There will be five ground rods all connected together with #2 copper wire buried. A common ground point for everything will be one of these five ground rods, and a #2 copper wire will come down the pole and each antenna will be grounded to that ground.

The site will have the following:

- A) The 146.900 UVARC voice repeater
- B) A UHF repeater, 440.300 (+) 88.5 Hz. encode/decode PL, with a VHF remote Kenwood 271A radio controlled by the new repeater controller. This will allow us to enter frequencies, offsets, PL tones remotely by DTMF tones, as well as program in repeaters such as Bend/Klamath Falls, etc., and remotely turn on the VHF radio and tell it to move the repeater we choose. With this system we will be able to ask for battery voltage and the temperature. When the outside door is opened, it will set off an alarm announcement on the repeater. We will also be able to start and turn off a back-up generator that will be installed.
- C) A Motorola VHF/UHF cross band repeater that can be turned on and off via the UHF repeater. This will be a voice link to the repeater in Winchester Bay for emergency communications with that portion of Douglas Co. This is a redundant back up for the system described above.

- D) The UHF repeater controller will also turn on a 121.5 MHz. AM aircraft receiver to listen for emergency locator transmitters.
- E) The packet back bone system of 440 Mhz. south to King Mt., VHF access locally, and then the 220 MHz. link to Signal Tree where it will talk to Coos County.

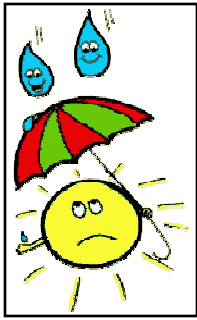
Once this is completed, we are working on a plan to put a packet digipeater on Roman Nose to improve packet communication between Reedsport and Roseburg, as well as Florence into Eugene and Roseburg.

Needless to say, we will be calling for help as soon as the equipment arrives to begin installation!



Bob Ellenwood
W7BWO, SK

Bob Ellenwood, Age 83, of Roseburg, Oregon, passed away on Monday, February 1, 2010. He was born on March 1, 1926, in Arlington, Texas. Robert is a 1944 Roseburg High graduate, and was a highly decorated member of the U.S. Army during WWII. His service included time in the Philippines, Japan and a special post as one of General MacArthur's Honor Guard. Robert worked for Pacific Power and Light for 35 years before retiring. He was a pilot, Ham Radio Operator, guitar, violin, and harmonica player, and a skilled wood craftsman, but his favorite times were spent playing with his many great-grandchildren. Robert is survived by his wife Ruth I. Ellenwood, children Dale and Joanne Ellenwood, Larry Ellenwood, and Julie and Rusty Brizendine, all of Roseburg, and Sharon and Doug Stone of Portland, had 14 grandchildren, and 34 great-grandchildren.



Just a reminder: If you have e-mail capability, Let Russ, W7DUR know! you'll be able to see all pictures in color and save money for the club !

March 2010

Sun Mon Tue Wed Thu Fri Sat

	1 DC ARES net 7 PM 145.430 rpt	2 Oregon state ARES HF net 3964 kHz, 7 PM	3 UVARC net 7 PM 146.90 rpt	4	5	6 Puyallup Hamfest Club Breakfast Rsbg IHOP 7AM
7	8 DC ARES net 7 PM 145.430 rpt	9	10 UVARC net 7 PM 146.90 rpt	11	12	13 Club Breakfast Rsbg. IHOP 7 AM
14 Daylight Savings Time Begins	15 DC ARES net 7 PM 145.430	16 Oregon state ARES HF net 3964 kHz, 7 PM	17 UVARC net 7 PM 146.90 rpt	18 Club Meeting 7PM Courthouse Room 310	19	20 Club Breakfast Rsbg IHOP 7AM
21	22 DC ARES net 7 PM 145.430 rpt	23	24 UVARC net 7 PM 146.90 rpt	25	26	27 Club Breakfast Rsbg IHOP 7AM
28	29	30	31			

ON-LINE FORM AVAILABLE ON CLUB WEB PAGE

UMPQUA VALLEY AMATEUR RADIO CLUB, INC

ON-LINE FORM AVAILABLE ON CLUB WEB PAGE

NAME _____ CALL SIGN _____ LICENSE CLASS _____

STREET _____ CITY/STATE _____ ZIP _____

ARRL MEMBER YES [] NO [] E-mail Address _____

Other names at your address desiring family membership

NAME _____ CALL SIGN _____ LICENSE CLASS _____ ARRL MEMBER YES [] NO []

NAME _____ CALL SIGN _____ LICENSE CLASS _____ ARRL MEMBER YES [] NO []

Please show names the way you want them to appear in the roster

HOME PHONE _____ RECEIVE YOUR NEWS LETTER BY: U.S. MAIL [] OR E-MAIL (PDF) []

RENEWAL _____ *AMT. ENCLOSED _____ DATE _____ **DATE OF BIRTH (STUDENTS)** _____

SPOUSE'S NAME _____ SIGNATURE _____

Membership dues are \$10.00 for individuals and \$5.00 for each additional family member living at the same address per calendar year. Associate membership dues are \$5.00. Dues are prorated (NEW members only): Jan - Mar \$10/5 (each additional member); Apr - Jun \$7.50/3.75; Jul - Sep \$5/2.50; Oct - Dec \$2.50/1.25. Membership is free for **Licensed** students, 18 and younger. Make checks payable to: **UVARC, PO Box 925, Roseburg, OR 97470.**